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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/596,904	
			Filing Date	03/23/2007	
			First Named Inventor	Medhavi Bhatia	
			Art Unit	2468	
			Examiner Name	Ansari, Najeebuddin	
Sheet	1	of	5	Attorney Docket Number	1497/97/6

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-7,457,312 B2	11-25-2008	Weiss et al.	
	2	US-7,411,975 B1	08-12-2008	Mohaban	
	3	US-2008/0086564 A1	04-10-2008	Putman et al.	
	4	US-2007/0286158 A1	12-13-2007	Cook	
	5	US-7,277,384 B1	10-02-2007	Chan et al.	
	6	US-2007/0156491 A1	07-05-2007	Schuler et al.	
	7	US-2007/0140223 A1	06-21-2007	Bhatia et al.	
	8	US-2007/0036151 A1	02-15-2007	Baeder	
	9	US-2006/0259958	11-16-2006	Jennings et al.	
	10	US-2006/0218268	09-28-2006	Beck et al.	
	11	US-2006/0159129 A1	07-20-2006	Schmidt	
	12	US-2006/0146792 A1	07-06-2006	Ramachandran et al.	
	13	US-2006/0093115	05-04-2006	Chen et al.	
	14	US-2005/0207358 A1	09-22-2005	Nishida et al.	
	15	US-2005/011382	05-26-2005	Le et al.	
	16	US-2005/0108567	05-19-2005	D'Souza et al.	
	17	US-2005/0089014 A1	04-28-2005	Levin et al.	
	18	US-2005/0084088 A1	04-21-2005	Hamilton	
	19	US-2005/0078690 A1	04-14-2005	DeLangis	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Najeebuddin Ansari/	Date Considered	04/18/2011
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				Filing Date	03/23/2007
				First Named Inventor	Medhavi Bhatia
				Art Unit	2468
				Examiner Name	Ansari, Najeebuddin
				Attorney Docket Number	1497/97/6
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	33	WO 2007/075527 A2	07-05-2007	Nextone Communications, Inc.		

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PTO/SB/08b (07-09)

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				Filing Date	03/23/2007
				First Named Inventor	Medhavi Bhatia
				Art Unit	2468
				Examiner Name	Ansari, Najeebuddin
(Use as many sheets as necessary)				Attorney Docket Number	1497/97/6
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	34	Non-Final Official Action for U.S. Patent Application Serial No. 11/026,746 (July 9, 2010).	
	35	Non-Final Official Action for U.S. Patent Application Serial No. 11/427,220 (July 7, 2010).	
	36	Non-Final Official Action for U.S. Patent Application Serial No. 11/427,171 (June 21, 2010).	
	37	Non-Final Official Action for U.S. Patent Application Serial No. 11/427,171 (June 9, 2010).	
	38	Office Action for Japanese Patent Application No. 2007-549342 (May 13, 2010).	
	39	Notification to Make Divisional Application for Chinese Application No. 200580048016 (April 7, 2010).	
	40	Non-Final Official Action for U.S. Patent Application Serial No. 11/314,119 (April 1, 2010).	
	41	Official Action for U.S. Patent Application Serial No. 11/026,746 (December 23, 2009).	
	42	Restriction Requirement for U.S. Patent Application Serial No. 11/026,746 (April 2, 2009).	
	43	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration for International Application No. PCT/US2006/048166 (November 10, 2008).	
	44	Communication of European Publication Number and Information on the Application of Article 67(3) EPC for European Patent No. 1969788 (August 20, 2008).	
	45	Gallon et al., "Bandwidth Management in Next Generation Packet Networks," MSF Technical Report, MSF-TR-ARCH-005-FINAL, MultiService Forum (August 2005).	
	46	"Denial of Service – Understanding Attack Techniques," White Paper (June 22, 2005).	

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NON PATENT LITERATURE DOCUMENTS			
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	47	"Packet Voice Over Broadband," Light Reading - Networking the Telecom Industry (March 3, 2005).	
	48	Walker et al., "Release 2 Architecture," MSF Release 2 Architecture, MSF-ARCH-002.00-FINAL, Multiservice Switching Forum (January 4, 2005).	
	49	Le et al., "A Review of Mobility Support Paradigms for the Internet" (January 2005).	
	50	"Media Access Control (MAC) Bridges," IEEE 802.1D Standard for Local and Metropolitan Area Networks (June 9, 2004).	
	51	Intel, "Intel IXP2400 Network Processor Datasheet," Document Number: 301164-011, pages 1-126 (February 2004).	
	52	Distributed Denial of Service Attacks, White Paper: Prolexic Technologies, Inc., Q4 (2004).	
	53	Rosenberg et al., "An Extension to the Session Initiation Protocol (SIP) for Symmetric Response Routing," RFC 3581, pgs. 1-13 (August 2003).	
	54	Schulzrinne et al., "RTP: A Transport Protocol for Real-Time Application," Network Working Group, RFC 3550 (July 2003).	
	55	Rosenberg, "The Real Time Transport Protocol (RTP) Denial of Service (Dos) Attack and its Prevention," pages 1-6 (June 23, 2003).	
	56	"Virtual Bridged Local Area Networks," IEEE Standards 802.1Q, pgs. 1-327 (May 7, 2003).	
	57	Garcia-Martin et al., "Private Header (P-Header) Extensions to the Session Initiation Protocol (SIP) for the 3rd-Generation Partnership Project (3GPP)," RFC 3455, pgs. 1-34 (January 2003).	
	58	Sisalem et al., "Denial of Service Attacks and SIP Infrastructure" (2003).	
	59	Rosenberg et al., "An Offer/Answer Model with the Session Description Protocol (SDP)," RFC 3264 (June 2002).	

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	60	Rosenberg et al., "SIP: Session Initiation Protocol," RFC 3261, pgs. 1-252 (June 2002).	
	61	Rosenberg et al., "Session Initiation Protocol (SIP): Locating SIP Servers," RFC 3263, pgs. 1-16 (June 2002).	
	62	Hayes, "IP Based Multimedia Services Platform," Ericsson, 3GPP, ITU-T IMT-2000 and Beyond, Ottawa, Canada, 19 pages (May 28, 2002).	
	63	"Session Control in IMS Architecture," Newport Networks, White Papers (Copyright 2002-2005).	
	64	Acme Packet, Inc., "Session Admission control: Interactive communication SLAs over Skinny Pipes," 14 pages (2002).	
	65	Schulzrinne et al., "RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals," Network Work Group, RFC 2833 (May 2000).	
	66	Handley et al., "SIP: Session Initiation Protocol," RFC 2543, pgs. 1-143 (March 1999).	
	67	"The E-Model, a Computational Model for use in Transmission Planning," ITU-T, G.107, pgs. 1-25 (December 1998).	
	68	Handley et al., "SDP: Session Description Protocol," RFC 2327, pgs. 1-40 (April 1998).	
	69	Crocker, D., "ARPA Internet Text Messages," RFC 822 (August 13, 1982).	
	70	"SDP: Session Description Protocol Overview (RFC 2327)," Javvin Network Management & Security (Downloaded from the Internet 8/15/2005).	

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